

ABSTRACT

The invention relates to a furnace system for the thermal treatment of elongated material, especially a roller hearth furnace, comprising a conveying unit which supplies the material, comprising a furnace having a gastight-closable charging opening and comprising a lock chamber having a gastight-closable charging opening, which connects the furnace to the conveying unit, wherein the lock chamber receives the material in batches via the charging opening and feeds into the furnace. The furnace system is characterised in that the furnace is arranged outside the conveying direction of the conveying unit and the lock chamber is displaceable from a first position in which it receives the material supplied to it from the conveying unit, into a second position in which it docks with its charging opening onto the charging opening of the furnace in a gastight fashion.

Figure 2 is intended for the abstract.